

1 In the Claims

2 Claims 1, 12, 23, 27, 28, 30, 39 and 49 are amended.

3 Claims 1-25 and 27-51 remain in the application and are listed below:

4

5 1. (Currently Amended) A software-implemented video rendering
6 system comprising:

7 a video application configured to enable a user to combine multiple
8 different video clips; and

9 a bitmap processor operatively coupled with the video application and
10 configured to receive a first bitmap having a structure that can be used to render a
11 first transition between video clips and automatically process the first bitmap to
12 provide a different structure that provides a different transition between video
13 clips, wherein the first bitmap does not comprise video clip content, and wherein
14 the transitions are configured to enable one video clip to completely replace
15 another video clip.

16

17 2. (Original) The software-implemented video rendering system of
18 claim 1, wherein the bitmap processor is configured to process the first bitmap to
19 provide a second bitmap that is different from the first bitmap, the second bitmap
20 being configured to render the different transition.

21

22 3. (Original) The software-implemented video rendering system of
23 claim 1, wherein the bitmap processor comprises multiple modules each of which
24 being configured to operate upon the first bitmap to provide either or both of (1) a

1 different bitmap or (2) a transition that is different from the transition provided by
2 the first bitmap.

3

4 4. (Previously Presented) The software-implemented video rendering
5 system of claim 3, wherein one of the modules comprises a shrinking and
6 stretching module that is configured to shrink or stretch, respectively, the first
7 bitmap.

8

9 5. (Original) The software-implemented video rendering system of
10 claim 3, wherein one of the modules comprises a replication module that is
11 configured to replicate the first bitmap.

12

13 6. (Original) The software-implemented video rendering system of
14 claim 3, wherein one of the modules comprises an offset module that is configured
15 to provide a transition that is offset from a transition provided by the first bitmap.

16

17 7. (Original) The software-implemented video rendering system of
18 claim 3, wherein one of the modules comprises a border module that is configured
19 to provide a border in a transition defined by the first bitmap.

20

21 8. (Previously Presented) The software-implemented video rendering
22 system of claim 3, wherein the one or more modules comprise modules selected
23 from a group consisting of:

24 a shrinking and stretching module that is configured to shrink or stretch,
25 respectively, the first bitmap;

1 a replication module that is configured to replicate the first bitmap;
2 an offset module that is configured to provide a transition that is offset from
3 a transition provided by the first bitmap; and
4 a border module that is configured to provide a border in a transition
5 defined by the first bitmap.

6

7 9. (Original) The software-implemented video rendering system of
8 claim 1, wherein the bitmap processor is configured to receive one or more
9 parameters provided by a user and use those parameters to process the first bitmap.

10

11 10. (Original) The software-implemented video rendering system of
12 claim 9, wherein the bitmap processor is configured to use the one or more
13 parameters to change the structure of the first bitmap.

14

15 11. (Original) Computer-readable media having software code that
16 implements the video rendering system of claim 1.

17

18 12. (Currently Amended) A method of displaying a video comprising:
19 selecting a bitmap having a structure that defines a first transition that can
20 be used to transition between video clips;
21 operating upon the bitmap to provide a second structure that provides a
22 second transition that is different from the first transition by using one or more
23 parameters that are provided by a user, the parameters being used to operate upon
24 the bitmap; and

1 effecting the second transition between video clips, wherein said effecting
2 comprises completely replacing one video clip with another video clip.

3

4 13. (Original) The method of claim 12, wherein said operating
5 comprises providing a second bitmap that is different from the first-mentioned
6 bitmap.

7

8 14. (Original) The method of claim 12, wherein said operating
9 comprises stretching the first-mentioned bitmap.

10

11 15. (Original) The method of claim 12, wherein said operating
12 comprises shrinking the first-mentioned bitmap.

13

14 16. (Original) The method of claim 12, wherein said operating
15 comprises at least one of stretching and shrinking the first-mentioned bitmap.

16

17 17. (Original) The method of claim 12, wherein said operating
18 comprises replicating the first-mentioned bitmap.

19

20 18. (Original) The method of claim 12, wherein said operating
21 comprises offsetting the first-mentioned bitmap.

22

23 19. (Original) The method of claim 12, wherein said operating
24 comprises providing a border that is used in connection with the first-mentioned
25 bitmap to effect the second transition.

1
2 20. (Original) The method of claim 12, wherein said operating
3 comprises one or more of:

4 stretching the first-mentioned bitmap;
5 shrinking the first-mentioned bitmap;
6 replicating the first-mentioned bitmap;
7 offsetting the first-mentioned bitmap; and
8 providing a border that is used in connection with the first-mentioned
9 bitmap to effect the second transition.

10
11 21. (Previously Presented) A video application embodied on a
12 computer-readable medium that is programmed to implement the method of claim
13 12.

14
15 22. (Original) One or more computer-readable media having computer-
16 readable instructions thereon which, when executed by a computer, implement the
17 method of claim 12.

18
19 23. (Currently Amended) A method of displaying a multi-media editing
20 project comprising:

21 receiving one or more parameters from a user, the parameters being
22 associated with a multi-media editing project and relating to a transition that can
23 be applied between two video clips in the project;

24 selecting a bitmap having a structure that defines a first transition that can
25 be used to transition between the video clips;

1 operating upon the bitmap to provide a different structure that defines a
2 second transition that is different from the first transition by using the one or more
3 parameters; and

4 effecting the second transition between video clips, wherein said effecting
5 comprises completely replacing one video clip with another video clip.

6

7 24. (Original) The method of claim 23, wherein said operating
8 comprises providing a second bitmap that is different from the first-mentioned
9 bitmap.

10

11 25. (Original) The method of claim 23, wherein said operating
12 comprises one or more of: stretching the first-mentioned bitmap, shrinking the
13 first-mentioned bitmap, replicating the first-mentioned bitmap, offsetting the first-
14 mentioned bitmap, and providing a border that is used in connection with the first-
15 mentioned bitmap to effect the second transition.

16

17 26. (Canceled).

18

19 27. (Currently Amended) One or more computer-readable media having
20 computer-readable instructions thereon which, when executed by a computer,
21 cause the computer to:

22 select a first bitmap having a structure that defines a transition that can be
23 applied between two video clips in a video editing project;

24 operate upon the first bitmap to provide a second bitmap having a second
25 structure that is different from the structure of the first bitmap by using one or

1 more parameters that are provided by a user, the first bitmap being operated upon
2 by operations comprising one or more of the following operations: stretching,
3 shrinking, replicating, and offsetting; and

4 use the second bitmap in a transition between at least two videos, wherein
5 said transition completely replaces one video with another video.

6
7 28. (Currently Amended) A software-implemented method of displaying
8 a multi-media editing project comprising:

9 providing a user interface (UI) through which a user can enter one or more
10 parameters that can be used to manipulate a bitmap-defined transition;

11 receiving one or more parameters that are entered by a user via the UI;

12 selecting a first bitmap having a structure that defines a transition and is
13 associated with the one or more parameters entered by the user;

14 automatically operating upon the first bitmap to provide a second bitmap
15 having a different structure that defines a transition that is different from the
16 transition defined by the first bitmap by using the one or more parameters that are
17 provided by a user, said operating comprising performing one or more of the
18 following operations on the first bitmap: stretching, shrinking, replicating, and
19 offsetting; and

20 using the second bitmap in a transition between at least two videos, wherein
21 said transition completely replaces one video with another video.

22
23 29. (Previously Presented) A multi-media project editing application
24 embodied on a computer readable medium programmed to implement the method
25 of claim 28.

1
2 30. (Currently Amended) A multi-media project editing system
3 comprising:

4 a software implemented bitmap processor configured for use in connection
5 with a multi-media editing application to effect a transition between different
6 videos, the bitmap processor being configured to:

7 receive one or more parameters from a user;
8 select a first bitmap having a structure that defines a first transition between
9 two videos;

10 operate upon the first bitmap in accordance with the one or more
11 parameters to provide a different structure that defines a second transition that is
12 different from the first transition; and

13 apply the second transition between two videos, wherein said second
14 transition completely replaces one video with another video.

15
16 31. (Original) The multi-media project editing system of claim 30,
17 wherein the bitmap processor operates upon the first bitmap to provide a second
18 bitmap that defines the second transition.

19
20 32. (Original) The multi-media project editing system of claim 31,
21 wherein the bitmap processor is configured to rescale the second bitmap so that it
22 contains a predetermined number of gray scale values.

1 33. (Original) The multi-media project editing system of claim 31,
2 wherein the bitmap processor can operate upon the first bitmap by stretching the
3 first bitmap.

4

5 34. (Original) The multi-media project editing system of claim 31,
6 wherein the bitmap processor can operate upon the first bitmap by shrinking the
7 first bitmap.

8

9 35. (Original) The multi-media project editing system of claim 31,
10 wherein the bitmap processor can operate upon the first bitmap by stretching or
11 shrinking the first bitmap.

12

13 36. (Original) The multi-media project editing system of claim 31,
14 wherein the bitmap processor can operate upon the first bitmap by replicating the
15 first bitmap.

16

17 37. (Original) The multi-media project editing system of claim 31,
18 wherein the bitmap processor can operate upon the first bitmap by offsetting the
19 first bitmap.

20

21 38. (Original) The multi-media project editing system of claim 30,
22 wherein the bitmap processor can operate upon the first bitmap to provide a border
23 within a transition that is defined by the first bitmap.

1 39. (Currently Amended) A method of displaying a multi-media editing
2 project comprising:

3 selecting a first bitmap having a structure comprising multiple pixels, each
4 pixel being capable of having one of a number of predetermined gray scale
5 values, the first bitmap defining a transition between two videos in a multi-media
6 editing project;

7 operating upon the selected first bitmap to provide a second bitmap having
8 a second structure that is different from the first bitmap by using one or more
9 parameters that are provided by a user, the second bit map defining a different
10 transition;

11 rescaling the second bitmap to ensure that pixels of the second bit map
12 have, collectively, all of the predetermined gray scale values; and

13 using the second bitmap in a transition between at least two videos, wherein
14 said transition completely replaces one video with another video.

15
16 40. (Original) The method of claim 39 further comprising receiving one
17 or more parameters specified by a user.

18
19 41. (Original) The method of claim 39, wherein said operating
20 comprises stretching the selected bitmap.

21
22 42. (Original) The method of claim 39, wherein said operating
23 comprises shrinking the selected bitmap.

1 43. (Original) The method of claim 39, wherein said operating
2 comprises at least one of stretching or shrinking the selected bitmap.

3

4 44. (Original) The method of claim 39, wherein said operating
5 comprises replicating the selected bitmap.

6

7 45. (Original) The method of claim 39, wherein said operating
8 comprises offsetting the selected bitmap.

9

10 46. (Original) The method of claim 39, wherein said operating
11 comprises one or more of: stretching the selected bitmap, shrinking the selected
12 bitmap, replicating the selected bitmap, and offsetting the selected bitmap.

13

14 47. (Previously Presented) A multi-media project editing application
15 embodied on a computer readable medium and programmed to implement the
16 method of claim 39.

17

18 48. (Original) One or more computer-readable media having computer-
19 readable instructions thereon which, when executed by a computer, implement the
20 method of claim 39.

21

22 49. (Currently Amended) A method of displaying a multi-media editing
23 project comprising:

1 receiving one or more parameters from a user, the parameters being
2 associated with a multi-media editing project and relating to a transition that can
3 be applied between two video clips in the project;

4 selecting a bitmap having a structure that defines a first transition that can
5 be used to transition between the video clips;

6 operating upon the bitmap to provide a different structure defining a second
7 transition that is different from the first transition by using the one or more
8 parameters; and

9 effecting the second transition between video clips,

10 wherein said receiving comprises receiving parameters that define a range
11 that, in turn, defines a border thickness of a border that is used in connection with
12 the first-mentioned bitmap to effect the second transition, wherein said second
13 transition completely replaces one video with another video.

14

15 50. (Previously Presented) The method of claim 49, wherein said
16 operating comprises providing a second bitmap that is different from the first-
17 mentioned bitmap.

18

19 51. (Previously Presented) The method of claim 49, wherein said
20 operating comprises one or more of: stretching the first-mentioned bitmap,
21 shrinking the first-mentioned bitmap, replicating the first-mentioned bitmap,
22 offsetting the first-mentioned bitmap, and providing a border that is used in
23 connection with the first-mentioned bitmap to effect the second transition.